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- (58) **Field of Classification Search**
None
See application file for complete search history.

- (56)
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Related U.S. Application Data

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- (51) **Int. Cl.**

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- (57) **ABSTRACT**

In particular embodiments, a method includes accessing a graph structure comprising a plurality of nodes and edges where each node represents a user, receiving a request to transmit content related to a first user to a second user, and prohibiting transmission of the content to the second user if the first user and the second user are connected in the graph structure through a series of edges and nodes that comprises an unauthorized node.

- (52) U.S. Cl.

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